

Date: May 8, 2018

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Donald F. Greeley, Director, Water Management
Subject: 2018 Manhole Rehabilitation Program – Award of Construction to Ralph Hodge Construction Company

Executive Summary

The Department of Water Management (DWM) opened bids on April 26th, 2018 for the 2018 Manhole Rehabilitation project. The project includes rehabilitating existing manholes with cementitious lining in various locations throughout the City of Durham. The DWM recommends the contract be awarded to Ralph Hodge Construction Company, the lowest responsive and responsible bidder.

Recommendation

The DWM recommends that the City Council:

1. Authorize the City Manager to execute a contract with Ralph Hodge Construction Company for the 2018 Manhole Rehabilitation project in the amount of \$928,000.00;
2. Establish a contingency fund for the contract in the amount of \$92,800.00;
3. Authorize the City Manager to negotiate change orders for the contract provided that the total project cost does not exceed \$1,020,800.00.

Background

The City's Sewer Collection Permit requires the City to repair any know defects in the collection system. The Collection System Rehabilitation Program has identified sanitary sewer manholes in poor and deteriorating condition through the use of inspections, maintenance records and previously contracted sanitary sewer evaluations. The deterioration of these manholes can be attributed to one or more factors including corrosion, groundwater inflow and infiltration, ground settlement, and age.

The proposed contract will rehabilitate existing manholes by applying a cementitious lining to the inside of the existing manhole.

Issues and Analysis

The DWM formally advertised the project for bid on February 20, 2018. The project was bid as a unit price contract. Four bids were received on March 22, 2018 and were opened in a public forum. Following the bid opening an error was identified in an Addendum which disqualified the apparent low bidder. At the recommendation of the City Attorney's Office, the City Manager rejected all bids (see attached memo).

The project was re-advertised on April 12, 2018. The project was re-bid as a unit price contract. Five bids were received on April 26, 2018. The bid results are:

Contractor	Total Bid
Ralph Hodge Construction Company	\$928,000.00
Vac Vision Environmental, LLC	\$979,900.00
Prism Contractors, Inc.	\$1,012,950.00
Diversified Infrastructure Services	\$1,255,750.00
Bio-Nomic Services	\$1,269,900.00

The DWM recommends contract award to Ralph Hodge Construction Company as the lowest responsive and responsible bidder.

Alternatives

Do not go forward with the project. The manholes set to be rehabilitated have some type of defect that warrants attention. By not going forward with the project and allowing degradation to continue failures in the system could occur. Additionally, by not going forward with the project the City is at risk of being out of compliance with the City's Sewer Collection Permit.

Financial Impact

Funding for this project is available in the following accounts:

Organization Code	Object Code	Project Code	Amount
4100 P002	731000	P28MA	\$928,000.00
4100 P002	731900	P28MA	\$92,800.00
TOTAL PROJECT AMOUNT			\$1,020,800.00

Equal Business Opportunity Summary

The Equal Opportunity/Equity Assurance Department reviewed the bid submitted by Ralph Hodge Construction Company of Wilson, NC and determined that they are in compliance with the Ordinance to Promote Equal Business Opportunities in City of Durham Contracting.

M/W UBE REQUIREMENTS

No MUBE or WUBE goals were set.

WORKFORCE STATISTICS

Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Project Manager	1	1	0
Professional	0	0	0
Technical	1	1	0
Clerical	1	0	1
Labor	2	2	0
Total	5	4	1

UBE REQUIREMENTS

Male:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	1	0	0	0	0
Professional	0	0	0	0	0
Technical	1	0	0	0	0
Clerical	0	0	0	0	0
Labor	2	0	0	0	0
Total	4	0	0	0	0

Female:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	0	0	0	0	0
Professional	0	0	0	0	0
Technical	0	0	0	0	0
Clerical	1	0	0	0	0
Labor	0	0	0	0	0
Total	1	0	0	0	0

Attachments

Attachment 1 – Reject All Bids Memo